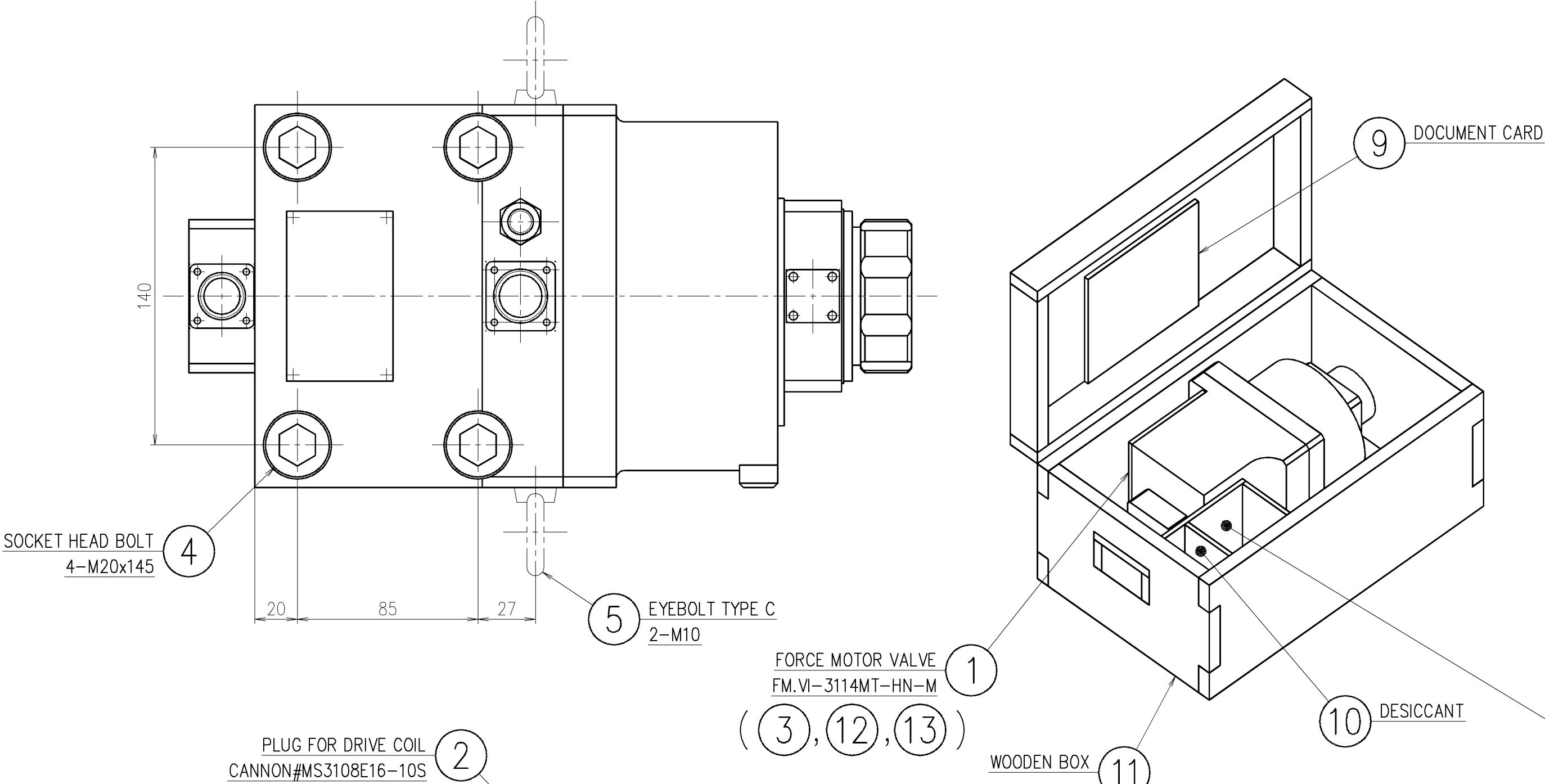


DIVISION	QTY	PT. NO.	NAME OF PARTS	SERIAL NO.	REQ NO.	S I Z E	SUPPLY	SUMMARY
R00107								
C-ITEM NO.								
3.2.9.6								
ITEM NO.								
2210557								
REV.								
4								
1								
4	1	1	FORCE MOTOR VALVE		R00107	FM.V-3114MT-HN-M	SU	
4	1	2	PLUG		R00107	MS3108E16-10S	SU	CANNON
4	1	3	CAP		R00107	JAE#025-0463-000	SU	CANNON
16	4	4	HEXAGON SOCKET HEAD BOLTS		R00107	M20x145 (SCM 435QT)	SU	
8	2	5	EYE BOLTS TYPE C		R00107	M10	SU	
16	4	6	O RINGS 1B		R00107	G30	SU	JIS B 2401
4	1	7	O RINGS 1B		R00107	P12	SU	JIS B 2401
8	2	8	O RINGS 1B		R00107	P10	SU	JIS B 2401
4	1	9	DOCUMENT CARD		R00107		SU	
4	1	10	DESICCANT		R00107		SU	
4	1	11	WOODEN BOX		R00107		SU	
4	1	12	PLATE		R00107		SU	
16	4	13	HEX. BOLT		R00107	M5x0.8x12	SU	
16	4	14	WASHER		R00107		SU	



- 2

PLUG FOR DRIVE COIL
CANNON#MS3108E16-10S
- 4

SOCKET HEAD BOLT
4-M20x145
- 5

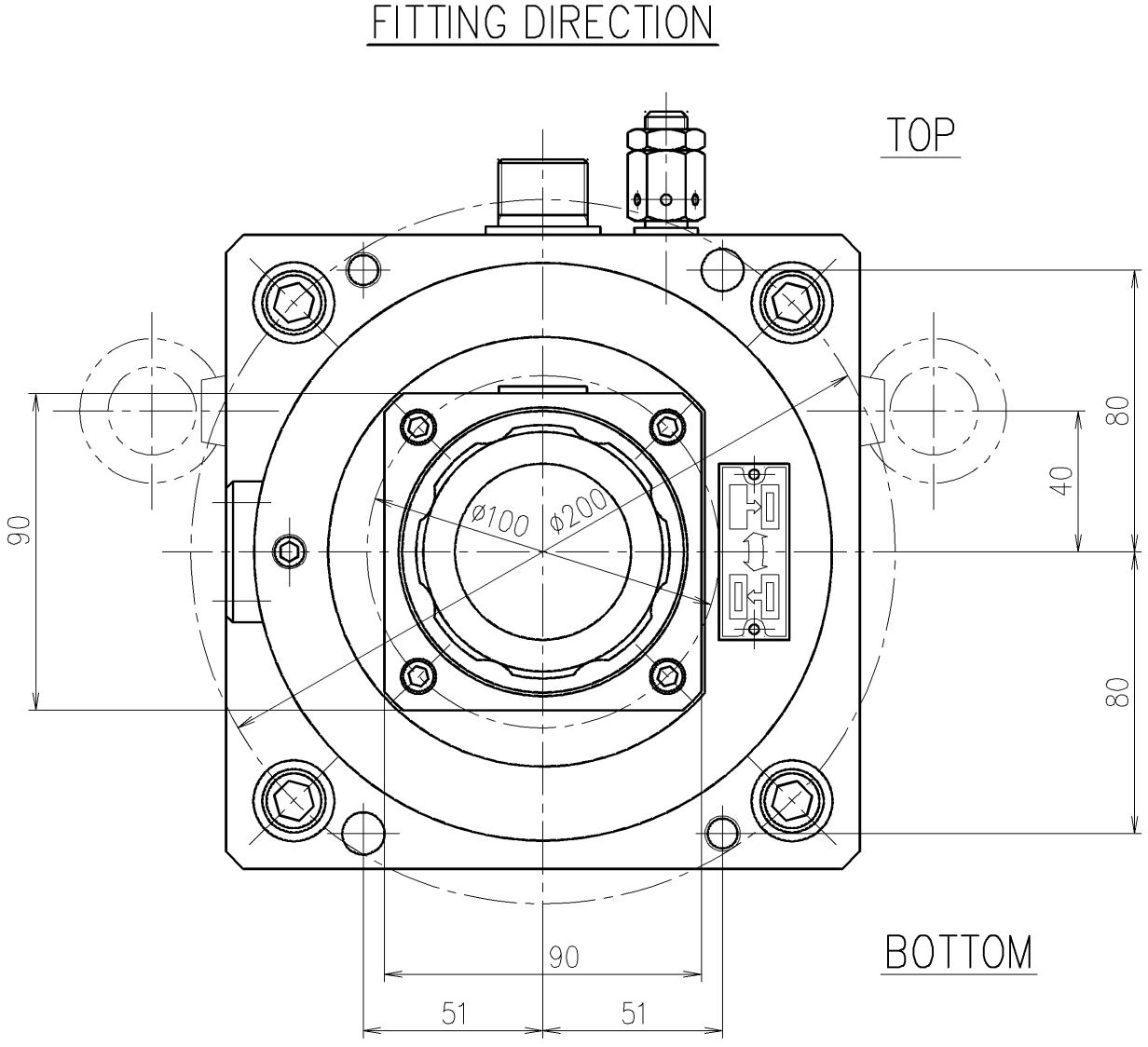
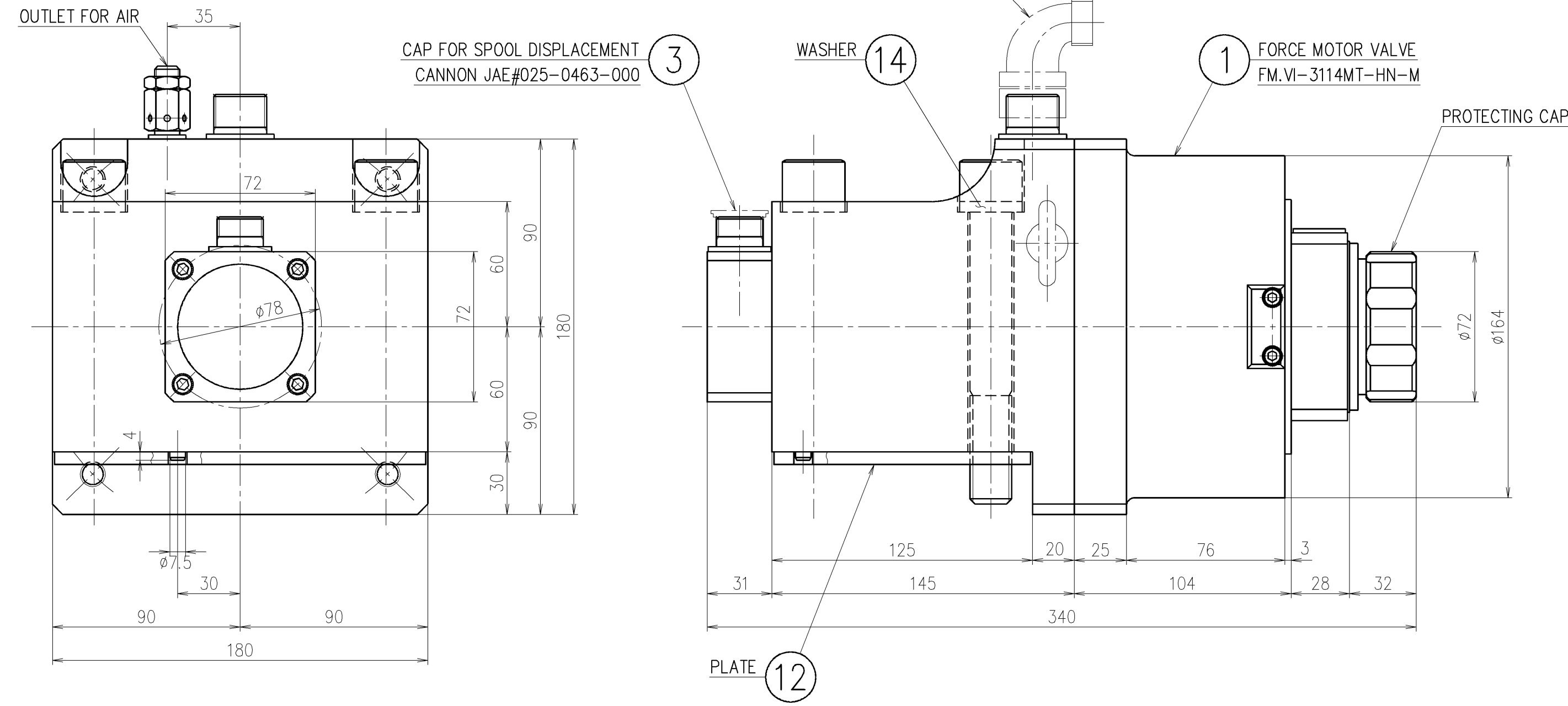
EYEBOLT TYPE C
2-M10
- 14

WASHER
- 6

O-RING
JIS B 2401 1B G30
- 7

O-RING
JIS B 2401 1B P12
- 8

O-RING
JIS B 2401 1B P10



MAIN SPECIFICATION (FM.VI-3114MT-HN-M) A

1. PRESSURE RATED : 31.5MPa (315kg/cm²)
TEST : 47.3MPa (473kg/cm²)

2. FLOW RATED : 90L/min (AT ΔP=6.9MPa)

3. OPERATING FLUID
FLUID : MINERAL OIL
VISCOSITY : ISO VG46
TEMPERATURE : 30~50°C
CONTAMINATION : NAS 10 CLASS OR MORE

4. WEIGHT : APPROX. 25 kg

NOTE

DO NOT DISASSEMBLE FM.V BY CUSTOMER.
PLEASE ORDER TO MAKER (MITSUBISHI-HITACHI METALS MACHINERY, INC.)
FOR MAINTENANCE AS FOLLOWS.

1. AT THE CASE OF MAINTENANCE, PLEASE EXCHANGE TO SPARE FM.V BY CUSTOMER.

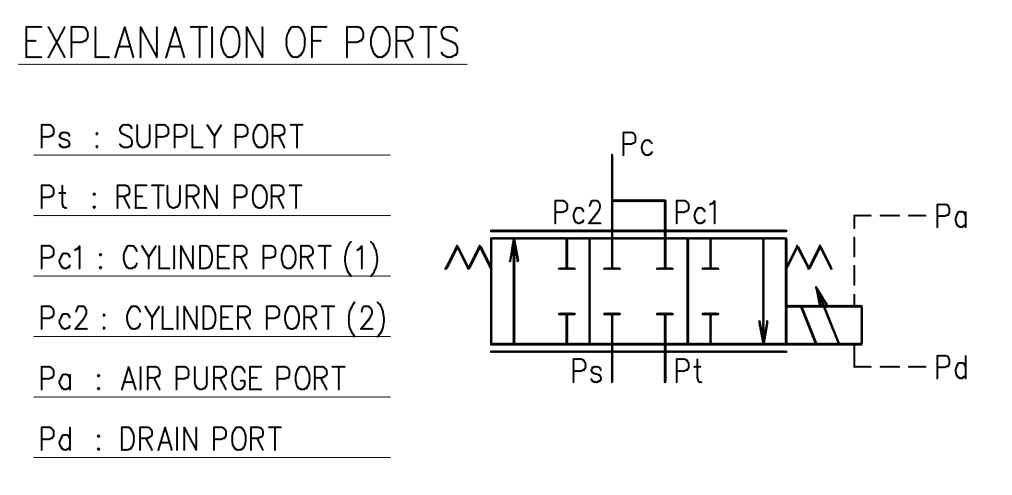
2. AFTER EXCHANGING, PUT IN THE WOODEN BOX (PT.NO. (11)) AND SEND TO MAKER.

3. AFTER CHECKING AND EXCHANGING TO NEW PARTS IF NECESSARY BY MAKER, MAKER WILL SEND BANK TO CUSTOMER.

REFERENCE DRAWING NO.

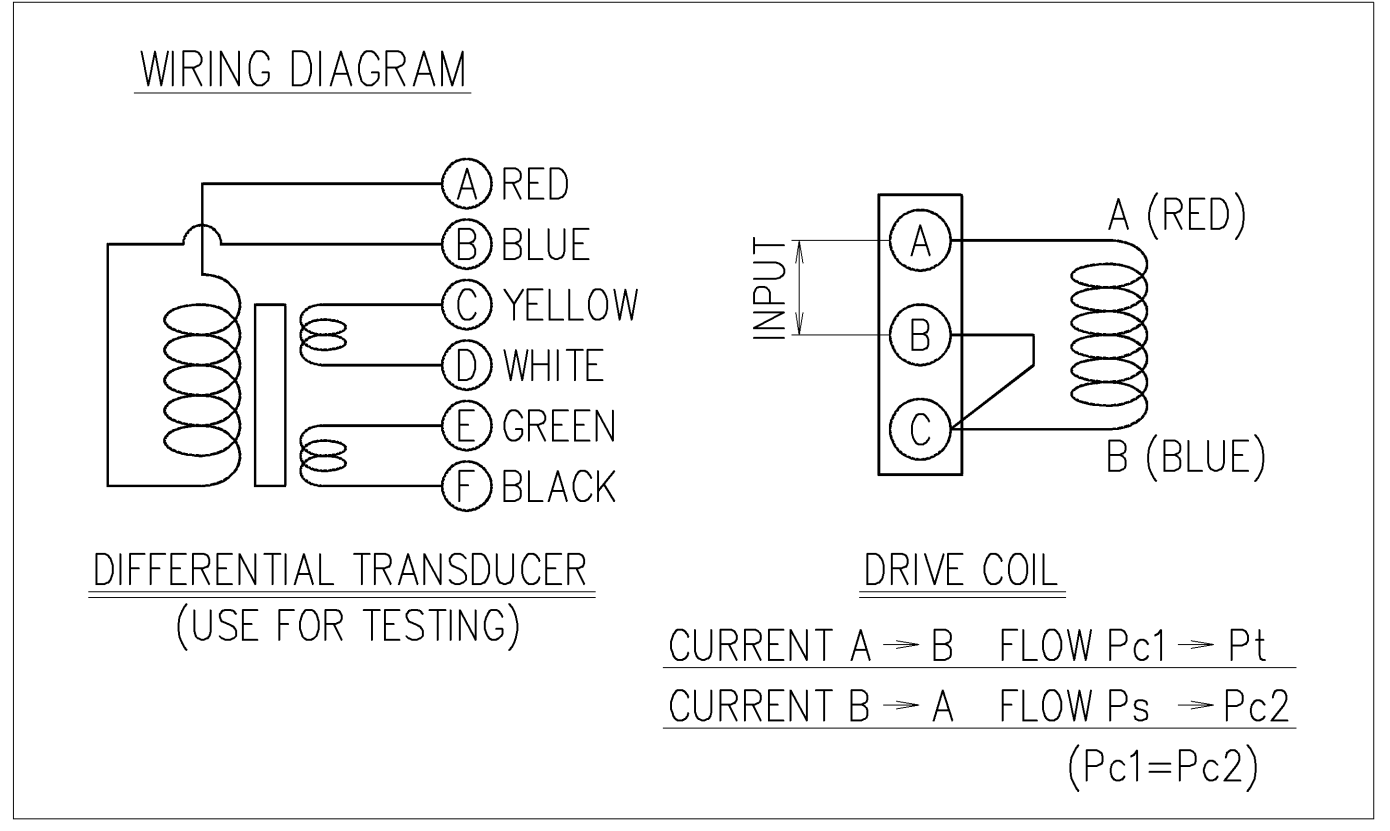
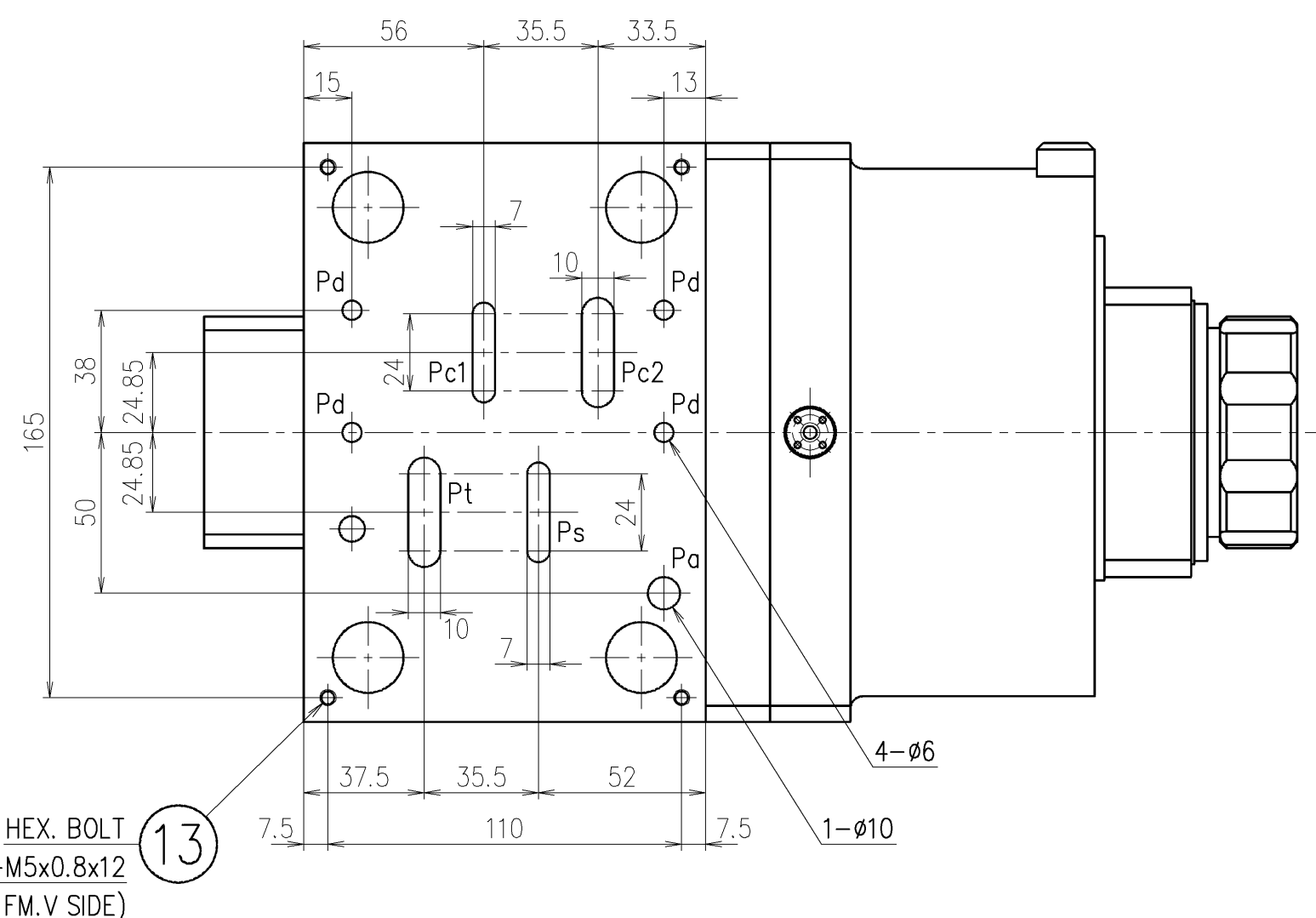
13019854-2210557-2001D~2003D : ASSEMBLY OF MAIN CYLINDER (1/3)~(3/3)

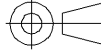
13019854-2210557-2004D : ASSEMBLY OF MANIFOLD



$\Delta P = P_s - P_{c2} (= P_s - P_c)$ or $P_{c1} - P_t (= P_c - P_t)$

Pc = Pc1 = Pc2
Pc = CYLINDER PORT



CAPACITY IMPROVEMENT AND MODERNIZATION PROJECT-III KAPASITE ARTIRMA VE MODERNIZASYON PROJESİ-III			EREĞLİ DEMİR VE ÇELİK FABRİKALARI T.A.Ş.		
PROJECT NAME	TANDEM AND TEMPER MILL REVAMP		DWG. CODE		
PURCHASE ORDER NO.			MICROFILM NO.		/
ITEM NAME 3.2.9.6 ROLL LOAD SYSTEMS NO.1 TO 2 STAND					
DRAWING NAME ASSEMBLY OF FORCE MOTOR VALVE					
	SCALE	1/2	DWG. NO.	ORDER NO. - ITEM NO. - SERIAL NO.	
	ORDER NO.		ITEM NO.	SERIAL NO.	REV.
	13019854		2210557	2005D	A
ORDER NAME TCM/TM REVAMP			Mitsubishi-Hitachi Metals Machinery, Inc.		

ZONE	REV	DESCRIPTION	DRAWN	CHKD.	APPD.	REV'D	CHKD.	APPD.	DATE
REVISIONS									